In the Claims

- 1. (Cancelled)
- 2. (Cancelled)
- 3. (Currently amended) The A compound according to claim 1, selected from the compounds of formula II,

$$(R^8)_p$$
 $- Ar^1$ $\stackrel{H}{\underset{Y}{\bigvee}} \stackrel{H}{\underset{R^6}{\bigvee}} \stackrel{H}{\underset{R^7}{\bigvee}} - X - Ar^2 - (R^{10})_r$

wherein

Ar¹, Ar²

are selected independently from one another from aromatic hydrocarbons containing 6 to 14 carbon atoms and ethylenical unsaturated or aromatic heterocyclic residues containing 3 to 10 carbon atoms and one or two hetero atoms, independently selected from N, O und S, is selected from the group consisting of phenyl, pyridinyl, quinolinyl, isoquinolinyl, thiophenyl, benzothiadiazolyl, isoxazolyl and oxazolyl,

<u>Ar²</u> is pyridinyl,

R⁶, R⁷ are independently selected from a the meanings given for R⁸, R⁹ and R¹⁰, or R⁶ and R⁷ together form a carbocyclic residue comprising 3 to 7 carbon atoms or a heterocyclic residue comprising 1, 2 or 3 hetero atoms, selected from the group consisting of O, N and S, and 2 to 6 carbon atoms, said carbocyclic or

2 or 3 substituents, selected from the meanings given for R^8 , R^9 and R^{10} , H or A.

heterocyclic residue being unsubstituted or comprising 1,

E, G, M, Q and U are selected, independently from one another, from carbon atoms and nitrogen atoms, with the proviso that one or more of E, G, M, Q and U are carbon atoms and that X is bonded to a carbon atom.

 $R^{8}, R^{9} \text{ and } R^{10} \qquad \text{are independently selected from the group consisting of } H_{+}, A_{+}, Cycloalkyl comprising } 3 \text{ to } 7 \text{ carbon atoms, } Hal_{+}, CH_{2}Hal_{+}, CH_{4}Hal_{+}, CH_{4}Hal_{+},$

(CH₂)_nN(R¹¹)C(R¹³)HCOOR⁸, (CH₂)_nN(R¹¹), C(R¹³)HCOR⁸, (CH₂)_nN(R¹¹)CH₂CH₂N(R¹²)CH₂COOR⁸, (CH₂)₀N(R⁸)CH₂CH₂NR¹²R⁸-CH=CHCOOR¹³-CH=CHCH₂NR¹¹R¹². CH=CHCH₂NR¹¹R¹². CH=CHCH₂OR¹³, (CH₂)_nN(COOR¹³)COOR¹⁴, (CH₂)_nN(CONH₂)COOR¹³, (CH₂)_nN(CONH₂)CONH₂, (CH₂)_nN(CH₂COOR¹³)COOR¹⁴. (CH₂)_nN(CH₂CONH₂)COOR¹³, $(CH_2)_nN(CH_2CONH_2)CONH_2$, $(CH_2)_nCHR^{13}COR^{14}$. (CH₂)_nCHR¹³COOR¹⁴, (CH₂)_nCHR¹³CH₂OR¹⁴, (CH₂)_nOCN and (CH₂)_nNCO₇ H, A, cycloalkyl comprising 3 to 7 carbon atoms, Hal, CH₂Hal, CH(Hal)₂, C(Hal)₃, NO₂, (CH₂)_nCN, (CH₂)_nNR¹¹R¹², (CH₂)_nO(CH₂)_kNR¹¹R¹², $(CH_2)_nNR^{11}(CH_2)_kNR^{11}R^{12}$, $(CH_2)_nO(CH_2)_kOR^{11}$. (CH₂)_nNR¹¹(CH₂)_kOR¹², (CH₂)_nCOOR¹³, (CH₂)_nCOR¹³. (CH₂)_nCONR¹¹R¹². (CH₂)_nNR¹¹COR¹³. (CH₂)_nNR¹¹CONR¹¹R¹², (CH₂)_nNR¹¹SO₂A, $(CH_2)_nSO_2NR^{11}R^{12}$, $(CH_2)_nS(O)_{IJ}R^{13}$, $(CH_2)_nOC(O)R^{13}$. (CH₂)_nCOR¹³, (CH₂)_nSR¹¹, CH=N-OA, CH₂CH=N-OA, $(CH_2)_nNHOA$, $(CH_2)_nCH=N-R^{11}$, $(CH_2)_nOC(O)NR^{11}R^{12}$. (CH₂)_nNR¹¹COOR¹³, (CH₂)_nN(R¹¹)CH₂CH₂OR¹³. $(CH_2)_nN(R^{11})CH_2CH_2OCF_3$, $(CH_2)_nN(R^{11})C(R^{13})HCOOR^{12}$. $(CH_2)_nN(R^{11})C(R^{13})HCOR^{11}$ (CH₂)_nN(R¹¹)CH₂CH₂N(R¹²)CH₂COOR¹¹. (CH₂)_nN(R¹¹)CH₂CH₂NR¹¹R¹², CH=CHCOOR¹³. CH=CHCH₂NR¹¹R¹², CH=CHCH₂NR¹¹R¹², CH=CHCH₂OR¹³, (CH₂)_nN(COOR¹³)COOR¹⁴, $(CH_2)_nN(CONH_2)COOR^{13}$, $(CH_2)_nN(CONH_2)CONH_2$, (CH₂)_nN(CH₂COOR¹³)COOR¹⁴,

 $\frac{(CH_2)_nN(CH_2CONH_2)COOR^{13}}{(CH_2)_nN(CH_2CONH_2)CONH_2, (CH_2)_nCHR^{13}COR^{14},}\\ \frac{(CH_2)_nCHR^{13}COOR^{14}, (CH_2)_nCHR^{13}CH_2OR^{14}, (CH_2)_nOCN^{14},}{(CH_2)_nNCO,} \\ \frac{(CH_2)_nNCO}{n} \\$

- R^{11} , R^{12} are independently selected from the group consisting of H, A_7 and $(CH_2)_mAr^3$ and $(CH_2)_mHet$, or in $NR^{11}R^{12}$,
- R⁴⁴ and R⁴² form, together with the N-atom they are bound to, a 5-, 6or 7- membered heterocyclus which optionally contains 1 or 2 additional hetero atoms, selected from N, O and S,
- R^{13} , R^{14} are independently selected from the group consisting of H, Hal, A_{7} and $(CH_{2})_{m}Ar^{4}$ -and $(CH_{2})_{m}Het$,
 - A is selected from the group consisting of alkyl, alkenyl, cycloalkyl, alkylenecycloalkyl, alkoxy, and alkoxyalkyl and saturated heterocyclyl,
 - Ar³, Ar⁴ are independently from one another aromatic hydrocarbon residues comprising 5 to 12 carbon atoms which are optionally substituted by one or more substituents, selected from the group consisting of A, Hal, NO₂, CN, OR¹⁵, NR¹⁵R¹⁶, COOR¹⁵, CONR¹⁵R¹⁶, NR¹⁵COR¹⁶, NR¹⁵ CONR¹⁵R¹⁶, NR¹⁶SO₂A, COR¹⁵, SO₂R¹⁵R¹⁶, S(O)_uA and OOCR¹⁵,
 - Het is a saturated, unsaturated or aromatic heterocyclic residue which is optionally substituted by one or more substituents, selected from the group consisting of A, Hal, NO₂, CN, OR¹⁵,

 $\begin{array}{l} {\sf NR^{15}R^{16},COOR^{15},CONR^{15}R^{16},NR^{15}COR^{16},}\\ {\sf NR^{15}CONR^{15}R^{16},NR^{16}SO_2A,COR^{15},SO_2R^{15}R^{16},S(O)_uA\ and\ OOCR^{15},} \end{array}$

- R^{15} , R^{16} are independently selected from the group consisting of H, A, and $(CH_2)_mAr^6$, wherein
- Ar⁶ is a 5- or 6-membered aromatic hydrocarbon which is optionally substituted by one or more substituents selected from the group consisting of methyl, ethyl, propyl, 2-propyl, tert.-butyl, Hal, CN, OH, NH₂ and CF₃,

k, n and m are independently of one another 0, 1, 2, 3, 4, or 5;

- X represents a bond or is O or CH₂, or (CHR¹¹)_h-Q-(CHR¹²)_i, wherein
- Q is selected from a the group consisting of O, S, N-R¹⁵, (CHal₂)_j, (O-CHR¹⁸)_j, (CHR¹⁸-O)_j, CR¹⁸=CR¹⁹, (O-CHR¹⁸CHR¹⁹)_j, CHR¹⁸CHR¹⁹-O)_j, C=O, C=S, C=NR¹⁵, CH(OR¹⁵), C(OR¹⁵)(OR²⁰), C(=O)O, OC(=O), OC(=O)O, C(=)N(R¹⁵), N(R¹⁵)C(=O), OC(=O)N(R¹⁵), N(R¹⁵)C(=O)O, CH=N-O, CH=N-NR¹⁵, OC(O)NR¹⁵, NR¹⁵C(O)O, S=O, SO₂, SO₂NR¹⁵-und NR¹⁵SO₂, wherein

h, i are independently from each other 0, 1, 2, 3, 4, 5 or 6, and

j is 1, 2, 3, 4, 5 or 6,

Y is selected from O₇ and S, NR²¹, C(R²²)-NO₂, C(R²²)-CN and

C(CN)2, wherein

 R^{24} is independently selected from the meanings given for R^{13} , R^{14} , and

 R^{22} is independently selected from the meanings given for R^{11} , R^{12} ,

p, r are independently from one another 0, 1, 2, 3, 4 or 5,

q is 0, 1, 2, 3 or 4,

u is 0, 1, 2 or 3,

and

Hal is-independently selected from the group consisting of F, Cl, Br and I;

and pharmaceutically acceptable derivatives, salts and solvates thereof.

4. (Currently Amended) The compound according to claim <u>1–3</u>, selected from the compounds of formula IIc, IId, IIe, IIf, IIg, IIh, IIi, IIj, IIk, IIL, IIm, IIn, IIo, IIp, IIq, IIr, IIs, IIt, IIu, IIv, IIw and IIx,

$$(R^8)_p$$
 Ar^1 R^6 R^7 $(R^9)_q$ R^{10}

$$\begin{array}{c|c}
 & H & H \\
\hline
(R^8)_p & Ar^1 & R^6 & R^7 & (R^9)_q
\end{array}$$
Held

$$(R^8)_p$$
 H N R^{10} R^{10} R^{10}

$$\begin{array}{c|c} & & & \\ \hline \\ (R^8)_p & & & \\ \end{array} \begin{array}{c} & & \\ \end{array} \begin{array}{c} & & \\ \end{array} \begin{array}{c} & & \\ & \\ \end{array} \begin{array}{c} & & \\ & \\ \end{array} \begin{array}{c} & & \\ \end{array} \begin{array}{c} & & \\ \end{array} \begin{array}{$$

$$(R^8)_p \xrightarrow{H} \overset{H}{\underset{Y}{\underset{R^6}{\longrightarrow}}} \overset{X}{\underset{R^7}{\longleftarrow}} \overset{X}{\underset{Q}{\longleftarrow}} \overset{R^{10}}{\underset{Q}{\longleftarrow}}$$

$$(R^8)_p \xrightarrow{H} \begin{array}{c} H \\ N \\ R^6 \end{array} \begin{array}{c} R^7 \end{array} \begin{array}{c} (R^9)_q \\ \end{array} \hspace{1cm} \text{IIh}$$

$$(R^8)_p \xrightarrow{H} \begin{array}{c} H \\ N \\ Y \\ R^6 \end{array} \begin{array}{c} R^7 \\ (R^9)_q \end{array}$$

$$(R^8)_p \xrightarrow{H} \overset{H}{\underset{R^6}{H}} \overset{H}{\underset{R^7}{H}} \overset{X}{\underset{R^9}{\underset{q}}} \overset{N}{\underset{q}} \qquad \qquad IIj$$

$$R^{8} \xrightarrow{O-N} Y \xrightarrow{R^{6}} R^{7} (R^{9})_{q}$$
IIk

$$R^{8} \xrightarrow{O-N} Y \xrightarrow{R^{6}} R^{7} \xrightarrow{(R^{9})_{q}} R^{10}$$

$$\mathbb{R}^{8} \xrightarrow{N-0} \mathbb{Y} \xrightarrow{\mathbb{R}^{6}} \mathbb{R}^{7} (\mathbb{R}^{9})_{q} \qquad \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{R}^{10}$$

$$R^{8} \xrightarrow{N-O} Y \xrightarrow{R^{6}} R^{7} (R^{9})_{q}$$
IIn

$$(R^8)_p \xrightarrow{\mathsf{N}} \mathsf{N} \mathsf{N} \mathsf{R}^{10}$$

$$(R^8)_p \xrightarrow{R} S \xrightarrow{N} Y \xrightarrow{R^6} R^7$$

$$(R^8)_p$$
 R^{10}
 R^{10}
 R^{10}

$$(R^8)_p$$
 N
 Y
 R^6
 R^7
 $(R^9)_q$
 R^{10}
 R^{10}

$$(R^8)_p \xrightarrow{N} \overset{H}{\underset{(R^8)_p}{\bigvee}} \overset{H}{\underset{R^6}{\bigvee}} \overset{N}{\underset{R^7}{\bigvee}} \overset{N}{\underset{(R^9)_q}{\bigvee}} \overset{N}{\underset{(R^9)_q}{\bigvee}}$$

wherein R⁶, R⁷, R⁸, p, Ar¹, Y, X, R⁹, R¹⁰ and g are as defined in claim 3 is 0, 1, 2, 3 or 4, R¹⁰ is selected from the group consisting of H, A, cycloalkyl comprising 3 to 7 carbon atoms, Hal, CH₂Hal, CH(Hal)₂, C(Hal)₃, NO₂, (CH₂)₀CN, (CH₂)₀NR¹¹R¹², (CH₂)₀O(CH₂)_kNR¹¹R¹², (CH₂)₀NR⁴¹(CH₂)_kNR⁴¹R⁴². (CH₂)₀O(CH₂)_kOR⁴¹. (CH₂)₀NR⁴¹(CH₂)_kOR⁴². (CH₂)₀COOR¹³, (CH₂)₀COR¹³, (CH₂)₀CONR¹¹R¹², (CH₂)₀NR¹¹COR¹³, (CH₂)_DNR⁸CONR¹¹R¹²-(CH₂)_DNR¹¹SO₂A. (CH₂)_DSO₂NR¹¹R¹²-(CH₂)₀S(O)₀R¹³. (CH₂)₀OC(O)R¹³. (CH₂)₀COR¹³. (CH₂)₀SR¹⁴. CH=N-OA. CH2CH=N-OA. (CH2)aNHOA. (CH2)aCH=N-R¹¹. (CH2)aOC(O)NR¹¹R¹². (CH₂)_DNR¹¹COOR¹³-(CH₂)_DN(R¹¹)CH₂CH₂OR¹³- $(CH_2)_nN(R^{14})CH_2CH_2OCF_3$, $(CH_2)_nN(R^{14})C(R^{13})HCOOR^8$, $(CH_2)_nN(R^{14})$, C(R¹³)HCOR⁸: (CH₂)₂N(R¹⁴)CH₂CH₂N(R¹²)CH₂COOR⁸: (CH₂)₂N(R⁸)CH₂CH₂NR¹²R⁸. CH=CHCOOR¹³. CH=CHCH₂NR¹¹R¹². CH=CHCH₂NR¹¹R¹². CH=CHCH₂OR¹³. (CH₂)_aN(COOR¹³)COOR¹⁴. (CH₂)_nN(CONH₂)COOR¹³, (CH₂)_nN(CONH₂)CONH₂, (CH₂)_DN(CH₂COOR¹³)COOR¹⁴- (CH₂)_DN(CH₂CONH₂)COOR¹³-(CH2), N(CH2CONH2)CONH2-(CH2), CHR13COR14-

- U.S. Patent Application No.: 10/532,574 Attorney Docket No.: 030863.00002

 (CH₂)_nCHR¹³COOR¹⁴, (CH₂)_nCHR¹³CH₂OR¹⁴, (CH₂)_nOCN and (CH₂)_nNCO, and pharmaceutically acceptable derivatives, salts and solvates thereof.
 - 5. (Currently amended) The compound according to claim 4.3, selected from the compounds (1) to (224) of table 1, the compounds (225) to (449) of table 2 and/or the compounds (450) to (672) of table 3, and pharmaceutically acceptable derivatives, salts and solvates thereof.
 - 6. (Currently amended) The compound according to claim 4 3, selected from the compounds (673) to (758) (673-714), (716)-(731), (733)-(740), (742)-(747), (749), (750), (753), (755), (757) and (758), the compounds (759) to (825) (761)-(765), (768), (770)-(773), (778), (779), (782), (783), (785), (787), (788), (791), (792), (796)-(815), (817)-(819), (822-825) and/or the compounds (826) to (874) (826)-(856), (859)-(864), (869) and (871), and pharmaceutically acceptable derivatives, salts and solvates thereof.
 - 7. (Currently Amended) A medicament comprising the compound according to claim 4_3.
 - 8. (Currently Amended) The compound according to claim 4<u>3</u> as a kinase inhibitor.
 - 9. (Previously Presented) The compound according to claim 8, wherein the kinases are selected from raf-kinases.
 - (Currently Amended) A pharmaceutical composition, comprising the compound according to claim 4 3 in a pharmaceutical composition.

- U.S. Patent Application No.: 10/532,574 Attorney Docket No.: 030863.00002
 - 11. (Previously Presented) The pharmaceutical composition according to claim 10, wherein it contains one or more additional compounds, selected from the group consisting of physiologically acceptable excipients, auxiliaries, adjuvants, carriers and pharmaceutical active ingredients.
 - 12. (Currently Amended) A process for manufacture of a pharmaceutical composition, wherein one or more compounds according to claim 4_3 and one or more compounds, selected from the group consisting of carriers, excipients, auxiliaries and pharmaceutical active ingredients, are processed by mechanical means into a pharmaceutical composition that is suitable as a dosage form for application and/or administration to a patient.
 - 13. (Canceled).
 - 14. (Canceled).
 - 15. (Canceled).
 - 16. (Canceled).
 - 17. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 26, wherein the disorders are selected from the group consisting of hyperproliferative and nonhyperproliferative disorders.
 - 18. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 17, wherein the disorder is cancer.

- 19. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 17, wherein the disorder is noncancerous.
- 20. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 17, wherein the disorders are selected from the group consisting of psioarsis, arthritis, inflammation, endometriosis, scarring, Helicobacter pylori infection, Influenza A, begnin prostatic hyperplasia, immunological diseases, autoimmune diseases and immunodeficiency diseases.
- 21. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 17, wherein the disorders are selected from the group consisting of melanoma, brain cancer, lung cancer, squamous cell cancer, bladder cancer, gastric cancer, pancreatic cancer, hepatic cancer, renal cancer, colorectal cancer, breast cancer, head cancer, neck cancer, oesophageal cancer, gynaecological cancer, ovarian cancar, ovary cancer, uterine cancer, prostate cancer, thyroid cancer, lymphoma, chronic leukaemia and acute leukaemia.
- 22. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 17, wherein the disorders are selected from the group consisting of arthritis, restenosis; fibrotic disorders; mesangial cell proliferative disorders, diabetic nephropathy, malignant nephrosclerosis, thrombotic microangiopathy syndromes, organ transplant rejection, glomerulopathies, metabolic disorders, inflammation, solid tumors, rheumatic arthritis, diabetic retinopathy, and neurodegenerative diseases.

- 23. (Currently Amended) Use according to claim 14, characterised in that The method according to claim 17, wherein the disorders are selected from the group consisting of rheumatoid arthritis, inflammation, autoimmune disease, chronic obstructive pulmonary disease, asthma, inflammatory bowel disease, fibrosis, atherosclerosis, restenosis, vascular disease, cardiovascular disease, inflammation, renal disease and angiogenesis disorders.
- 24. (Currently Amended) Use of a compound according to claim 1 as a raf-kinase inhibitor. The method according to claim 26, wherein the treatment comprises raf-kinase inhibition.
- 25. (Currently Amended) Use according to claim 24, characterised in that The method according to claim 28, wherein the raf-kinase is selected from the group consisting of A-Raf, B-Raf and c-Raf1.
- 26. (Currently Amended) A method for the treatment and/or prophylaxis of disorders, wherein one or more compounds according to claim 4<u>3</u> is administered to a patient in need of such a treatment.
- 27. (Previously Presented) A method, comprising, administering to a patient in need thereof the pharmaceutical composition according to claim 10.
- 28. (Previously Presented) A method for the treatment and/or prophylaxis of disorders comprising, administering to a patient in need thereof the pharmaceutical composition according to claim 10, wherein the disorders are caused, mediated and/or propagated by raf-kinases.

- 29. (Previously Presented) A method according to claim 28, wherein the disorder is cancerous cell growth mediated by raf-kinase.
- 30. (Previously Presented) A method for producing compounds of formulaII, wherein
 - a) a compound of formula III

$$(R^8)_p$$
-Ar¹/FG

wherein

is a functional group, selected from
 -N=C=Y and -NH-(C=Y)-LG,
 wherein Y is as defined as in claim 3 and LG is a leaving group,

is reacted

b) with a compound of IV,

$$L^{2} = \frac{E^{-G} M}{U \times Q} X - Ar^{2} - (R^{10})_{r}$$

$$R^{6} = R^{7} (R^{9})_{q}$$

$$IV$$

wherein

L², L³ are independently from one another H or a metal ion, and R⁶, R⁷, E, G, M, Q, U, R⁹, q, X, Ar², R¹⁰ and r are as defined in claim 3, - 17 -

and optionally

- c) isolating and/or treating the compound of formula II obtained by said reaction with an acid, to obtain the salt thereof.
- 31. (Previously presented) Compound of formula III,

$$(R^8)_p$$
 $-Ar^1$ FG III

wherein

is a functional group, selected from-N=C=Y and -NH-(C=Y)-LG,wherein Y is as defined as in claim 3 and LG is a leaving group.

32. (Previously presented) Compound of formula IV,

$$L^{2} = H^{-1} \times X - Ar^{2} - (R^{10})_{r}$$

$$L^{3} \times V \times Q \times (R^{9})_{q}$$

$$R^{6} = R^{7} \times (R^{9})_{q}$$

$$IV$$

wherein

L², L³ are independently from one another H or a metal ion, and R⁶, R⁷, E, G, M, Q, U, R⁹, q, X, Ar², R¹⁰ and r are as defined in claim 3.